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January 26, 2004

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By:

*Sarah M. Barnett*  
Sarah M. Barnett

PATENT

Customer Number 22,852

Attorney Docket No. 04121.0064-03000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Alan L. GREENER et al.

Serial No.: 10/611,806

Group Art Unit: 1651

Filed: June 30, 2003

Examiner: Not Yet Assigned

For: METHOD FOR MORE EFFICIENT  
ELECTROPORATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
**MAIL STOP MISSING PARTS**

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached Form PTO 1449. This Information Disclosure Statement is being filed, to the undersigned's knowledge, before the mailing date of a first Office Action on the merits for the above-referenced application.

Copies of the listed documents were previously submitted in prior Application Serial No. 10/052,241, filed January 15, 2002 (now U.S. Patent No. 6,586,249 B2); prior Application Serial No. 09/531,253, filed March 17, 2000 (now U.S. Patent No. 6,338,965 B1); and prior Application Serial No. 09/253,703, filed February 22, 1999 (now U.S.

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Patent No. 6,040,184) all of which Applicants rely upon for the benefits provided in 35 U.S.C. § 120.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

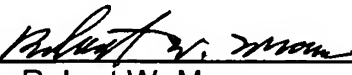
Applicants further reserve the right to take appropriate action to establish the patentability of the claimed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: January 26, 2004

By:   
Robert W. Mann  
Reg. No. 48,555

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**CERTIFICATE UNDER 37 CFR § 1.10 OF MAILING BY "EXPRESS MAIL"**

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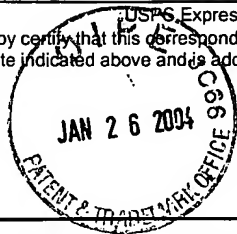
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By: *Sarah M. Barnett*  
Sarah M. Barnett



**OMB No. 0651-0011**

**INFORMATION DISCLOSURE CITATION**

Atty. Docket No.	04121.0064-03000	Appln. No.	10/611,806
Applicant	Alan L. GREENER et al.		
Filing Date	June 30, 2003	Group:	1651

**U.S. PATENT DOCUMENTS**

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
	5,186,800	Feb. 16, 1993	Dower			
	5,712,135	Jan. 27, 1998	D'Halluin et al.			
	5,879,891	Mar. 9, 1999	Thompson			
	6,040,184	Mar. 21, 2000	Greener et al.			
	6,338,965 B1	Jan. 15, 2002	Greener et al.			

**FOREIGN PATENT DOCUMENTS**

Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Andreason et al., 1988, "Introduction and Expression of DNA Molecules in Eukaryotic Cells by Electroporation," <i>BioTechniques</i> , 6(7): 650-660.
	Andreason et al., 1989, "Optimization of Electroporation for Transfection of Mammalian Cell Lines," <i>Analytical Biochemistry</i> , 180: 269-275.
	Antonov et al., 1993, "Heat Shock and Osmotically Dependent steps by DNA uptake after <i>Escherichia coli</i> electroporation." <i>Biochemica et Biophysica Acta</i> , 1216(2): 286-288.
	Dower et al., 1988, "High Efficiency Transformation of <i>E. coli</i> by High Voltage Electroporation," <i>Nucleic Acids Research</i> , 16(13):6127-6145.
	Dunny et al., 1991, "Improved Electroporation and Cloning Vector System for Gram-Positive Bacteria." <i>Applied and Environmental Microbiology</i> , 57(4): 1194-1201.
	Knutson et al., 1987, "Electroporation: Parameters Affecting Transfer of DNA into Mammalian Cells," <i>Analytical Biochemistry</i> , 164: 44-52.
	Neumann et al., 1982, "Gene Transfer into Mouse Lyoma Cells by Electroporation in High Electric Fields," <i>The EMBO Journal</i> , 1(7): 841-845.



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Applicant	Alan L. GREENER et al.		
Filing Date	June 30, 2003	Group:	1651

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Sambrook et al., 1989, "Transformation of <i>E. coli</i> by High-voltage Electroporation (Electrotransformation)," from <u>Molecular Cloning, A Laboratory Manual, Second Edition</u> , Cold Spring Harbor Lab Press, p. 1.75.
	Sambrook et al., 1989, "DNA Transfection by Electroporation," from <u>Molecular Cloning, A Laboratory Manual, Second Edition</u> , Cold Spring Harbor Lab Press, pp. 16.54-16.55.
	Schnabel, 1998, "Protein-Protein Interactions Between Keratin Polypeptides Expressed in the Yeast Two-Hybrid System," <i>Biochimica et Biophysica Acta</i> , 1403(2): 158-168.
	Taketo, 1988, "DNA Transfection of <i>Escherichia coli</i> by Electroporation," <i>Biochimica et Biophysica Acta</i> , 949:318-324.
	Thompson et al., 1998, "An Improved Protocol for the Preparation of Yeast Cells for Transformation by Electroporation," <i>Yeast</i> , 14:565-571.
	Wei, 1995, "An Improved Method for the Transformation of <i>Lactobacillus</i> Strains Using Electroporation," <i>Journal of Microbiological Methods</i> , 21(1): 97-109.

Examiner	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce